

2731 Bartram Road Bristol, PA 19007-6893 800.385.3153 www.unitedchem.com

## **CERTIFICATE OF ANALYSIS**

## PRODUCT NUMBER: PRODUCT NAME: LOT NUMBER:

ECSS Anhydrous Sodium Sulfate, ACS Grade, 10-60 Mesh 074669-DK

|                     | Specification Values         | <u>Lot Analysis</u> |
|---------------------|------------------------------|---------------------|
| Test                |                              |                     |
| Appearance:         | White Granules w/some powder | Pass                |
| Assay:              | 99.0% Min.                   | 99.90%              |
| Calcium:            | 0.01% Max.                   | < 0.001%            |
| Chloride:           | 0.001% Max.                  | < 0.001%            |
| LOI:                | 0.5% Max.                    | <0.50%              |
| Heavy Metals:       | 5ppm Max.                    | <5ppm               |
| pH (5%):            | 5.2 - 9.2                    | 7.3                 |
| Nitrogen Compounds: | 5ppm Max.                    | <5ppm               |
| Magnesium:          | 0.005% Max.                  | < 0.001%            |
| Potassium:          | 0.01% Max.                   | < 0.001%            |
| Iron:               | 0.001% Max.                  | < 0.001%            |
| Insoluble Matter:   | 0.01% Max.                   | < 0.010%            |
| Phosphate:          | 0.001% Max.                  | <0.001%             |

The shelf life for this product is 5 years from the date of shipment. The shelf life is only valid if the material is stored in the original unopened container. The test methods and specifications were current when the product was lotted.

## **CERTIFIED BY: NAME:** D. Kearns

TITLE: QC Analyst

Certificate issue DATE: 03/15/2023

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